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24309 7590 10/21/2005

**XILINX, INC**  
**ATTN: LEGAL DEPARTMENT**  
**2100 LOGIC DR**  
**SAN JOSE, CA 95124**



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**Julie Matthews** (Depositor's name)  
 (Signature)  
**January 19, 2006** (Date)

01/19/2006 MGBREM2 00000033 240040 10808737

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,737	03/24/2004	Joe W. Zhao	X-1437 US	5860

TITLE OF INVENTION: METHOD FOR MONITORING AND IMPROVING INTEGRATED CIRCUIT FABRICATION USING FPGAS

APPL.N. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	01/23/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TAT, BINH C	2825	716-005000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Justin Liu

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

XILINX, INC., 2100 Logic Drive San Jose, CA 95124

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
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- ☐ A check in the amount of the fee(s) is enclosed.
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- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 24-0040 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Justin Liu

Typed or printed name

Date January 19, 2006

Registration No. 51,959

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**Inventor(s):** Joe W. Zhao et al.

**Assignee:** **XILINX, INC.**

**Serial No.:** 10/808,737

**Filed:** March 24, 2004

**Title:** Method for Monitoring and Improving Integrated Circuit Fabrication Using FPGAs

**Docket No.:** X-1437 US

**Enclosed:** Return Receipt Postcard  
Part B. - Fee Transmittal

**Date:** January 19, 2006

**Atty/Sec:** JL/jam



conf.no. 5860

**VIA FACSIMILE** 571-273-2885